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Established Maximum Residue Limit EMRL2012-32

Imazapyr

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Publications
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6604-E2
Ottawa, Ontario K1A 0K9

Internet: pmra.publications@hc-sc.gc.ca
healthcanada.gc.ca/pmra
Facsimile: 613-736-3758
Information Service:
1-800-267-6315 or 613-736-3799
pmra.infoserv@hc-sc.gc.ca

Canada

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has granted full registration to technical grade imazapyr and the end-use product Ares for use in Canada on Clearfield canola, Clearfield canola quality *Brassica juncea* and Clearfield lentils. The specific uses approved in Canada are detailed on the label of Ares, *Pest Control Products Act* Registration Number 30188.

Corresponding maximum residue limits (MRLs) were identified in Proposed Maximum Residue Limit PMRL2011-44, *Imazapyr*, published on 1 December 2011. The PMRL referenced the consultation document, Proposed Registration Decision PRD2011-12, *Imazapyr*, published on 2 September 2011. The PMRA received comments from a Canadian industry association in accordance with Appendix I.

The comments received had no impact on the MRLs for imazapyr which are established as proposed in PRD2011-12.

To comply with Canada's international trade obligations, consultation on the proposed MRLs was also conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada. No comments were received as a result of the World Trade Organization consultation.

The following MRLs take legal effect in Canada as of the publication date of this document.

Established Maximum Residue Limits for Imazapyr

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Imazapyr	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1*H*-imidazol-2-yl]-3-pyridinecarboxylic acid	0.2	Dry lentils
		0.05	Rapeseed subgroup (Crop Subgroup 20A); eggs; fat, meat, and meat byproducts of cattle, goats, hogs, horses, poultry and sheep
		0.01	Milk

ppm = parts per million

MRLs are established for each food commodity included in the rapeseed subgroup in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

A list of pesticide MRLs established in Canada, as of the date indicated, can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

Appendix I

Comments received:

A single comment was received from a Canadian industry association.

Concern was expressed regarding the 0.05 ppm proposed for imazapyr in or on food commodities in the rapeseed subgroup (Crop Subgroup 20A). It was noted that "the proposed MRL is harmonized with Japan but an MRL for imazapyr in rapeseed has not yet been established in the United States (nor Taiwan or the European Union)". Therefore, the MRL proposed in Canada may pose a risk for canola market access in the US and other jurisdictions as approximately 85% of the Canadian canola crop is exported annually.

Pest Management Regulatory Agency Response:

The PMRA received applications to register the use of Imazapyr Technical Herbicide and Ares Herbicide, containing the technical grade active ingredients imazapyr and imazamox, to control broadleaf and grassy weeds in Clearfield canola, Clearfield canola quality *Brassica juncea* and Clearfield lentils. These applications were granted full registration on 8 November 2011. Details of the registration decision are found in Registration Decision RD2012-10, *Imazapyr*.

Residue trials conducted throughout Canada using imazapyr on Clearfield canola were submitted with the applications and deemed acceptable to determine the quantity of residues that are likely to remain in or on food when the pesticide is used according to label directions and that such residues will not be a concern to human health. Subsequently, in accordance with section 9 of the *Pest Control Products Act*, corresponding MRLs are then recommended and established following consultation. As described in Proposed Registration Decision PRD2011-12, *Imazapyr*, residues were not found in any trials conducted with imazypyr on Clearfield canola and therefore the MRL for the crop subgroup was recommended at 0.05 ppm, the limit of quantitation (LOQ) of the analytical methodology.

As a result, the 0.05 ppm MRL is appropriate and is established as proposed in PRD2011-12.